

SEQUENCE LISTING

<110> Hoek, Robert M.
Sedgwick, Jonathan D.

<120> Novel Uses of Mammalian OX2 Protein and Related
Reagents

<130> DX0936K

<140>

<141>

<160> 3

<170> PatentIn Ver. 2.0

<210> 1

<211> 274

<212> PRT

<213> primate

<400> 1

Val	Ile	Arg	Met	Pro	Phe	Ser	His	Leu	Ser	Thr	Tyr	Ser	Leu	Val	Trp
1				5					10					15	

Val	Met	Ala	Ala	Val	Val	Leu	Cys	Thr	Ala	Gln	Val	Gln	Val	Val	Thr
		20						25					30		

Gln	Asp	Glu	Arg	Glu	Gln	Leu	Tyr	Thr	Thr	Ala	Ser	Leu	Lys	Cys	Ser
		35					40					45			

Leu	Gln	Asn	Ala	Gln	Glu	Ala	Leu	Ile	Val	Thr	Trp	Gln	Lys	Lys	Lys
	50					55					60				

Ala	Val	Ser	Pro	Glu	Asn	Met	Val	Thr	Phe	Ser	Glu	Asn	His	Gly	Val
	65				70					75					80

Val	Ile	Gln	Pro	Ala	Tyr	Lys	Asp	Lys	Ile	Asn	Ile	Thr	Gln	Leu	Gly
			85						90					95	

Leu	Gln	Asn	Ser	Thr	Ile	Thr	Phe	Trp	Asn	Ile	Thr	Leu	Glu	Asp	Glu
		100						105					110		

Gly	Cys	Tyr	Met	Cys	Leu	Phe	Asn	Thr	Phe	Gly	Phe	Gly	Lys	Ile	Ser
		115					120					125			

Gly	Thr	Ala	Cys	Leu	Thr	Val	Tyr	Val	Gln	Pro	Ile	Val	Ser	Leu	His
	130					135					140				

Tyr	Lys	Phe	Ser	Glu	Asp	His	Leu	Asn	Ile	Thr	Cys	Ser	Ala	Thr	Ala
	145				150					155					160

Arg	Pro	Ala	Pro	Met	Val	Phe	Trp	Lys	Val	Pro	Arg	Ser	Gly	Ile	Glu
			165						170					175	

Asn	Ser	Thr	Val	Thr	Leu	Ser	His	Pro	Asn	Gly	Thr	Thr	Ser	Val	Thr
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

180 185 190
 Ser Ile Leu His Ile Lys Asp Pro Lys Asn Gln Val Gly Lys Glu Val
 195 200 205
 Ile Cys Gln Val Leu His Leu Gly Thr Val Thr Asp Phe Lys Gln Thr
 210 215 220
 Val Asn Lys Gly Tyr Trp Phe Ser Val Pro Leu Leu Leu Ser Ile Val
 225 230 235 240
 Ser Leu Val Ile Leu Leu Val Leu Ile Ser Ile Leu Leu Tyr Trp Lys
 245 250 255
 Arg His Arg Asn Gln Asp Arg Gly Glu Leu Ser Gln Gly Val Gln Lys
 260 265 270

Met Thr

<210> 2
 <211> 278
 <212> PRT
 <213> rodent

<400> 2
 Met Ala Ser Leu Val Phe Arg Arg Pro Phe Cys His Leu Ser Thr Tyr
 1 5 10 15
 Ser Leu Ile Trp Gly Met Ala Ala Val Ala Leu Ser Thr Ala Gln Val
 20 25 30
 Glu Val Val Thr Gln Asp Glu Arg Lys Ala Leu His Thr Thr Ala Ser
 35 40 45
 Leu Arg Cys Ser Leu Lys Thr Ser Gln Glu Pro Leu Ile Val Thr Trp
 50 55 60
 Gln Lys Lys Lys Ala Val Ser Pro Glu Asn Met Val Thr Tyr Ser Lys
 65 70 75 80
 Thr His Gly Val Val Ile Gln Pro Ala Tyr Lys Asp Arg Ile Asn Val
 85 90 95
 Thr Glu Leu Gly Leu Trp Asn Ser Ser Ile Thr Phe Trp Asn Thr Thr
 100 105 110
 Leu Glu Asp Glu Gly Cys Tyr Met Cys Leu Phe Asn Thr Phe Gly Ser
 115 120 125
 Gln Lys Val Ser Gly Thr Ala Cys Leu Thr Leu Tyr Val Gln Pro Ile
 130 135 140
 Val His Leu His Tyr Asn Tyr Phe Glu Asp His Leu Asn Ile Thr Cys
 145 150 155 160

Ser Ala Thr Ala Arg Pro Ala Pro Ala Ile Ser Trp Lys Gly Thr Gly
 165 170 175
 Thr Gly Ile Glu Asn Ser Thr Glu Ser His Phe His Ser Asn Gly Thr
 180 185 190
 Thr Ser Val Thr Ser Ile Leu Arg Val Lys Asp Pro Lys Thr Gln Val
 195 200 205
 Gly Lys Glu Val Ile Cys Gln Val Leu Tyr Leu Gly Asn Val Ile Asp
 210 215 220
 Tyr Lys Gln Ser Leu Asp Lys Gly Phe Trp Phe Ser Val Pro Leu Leu
 225 230 235 240
 Leu Ser Ile Val Ser Leu Val Ile Leu Leu Val Leu Ile Ser Ile Leu
 245 250 255
 Leu Tyr Trp Lys Arg His Arg Asn Gln Glu Arg Gly Glu Ser Ser Gln
 260 265 270
 Gly Met Gln Arg Met Lys
 275

<210> 3
 <211> 278
 <212> PRT
 <213> rodent

<400> 3
 Met Gly Ser Pro Val Phe Arg Arg Pro Phe Cys His Leu Ser Thr Tyr
 1 5 10 15
 Ser Leu Leu Trp Ala Ile Ala Ala Val Ala Leu Ser Thr Ala Gln Val
 20 25 30
 Glu Val Val Thr Gln Asp Glu Arg Lys Leu Leu His Thr Thr Ala Ser
 35 40 45
 Leu Arg Cys Ser Leu Lys Thr Thr Gln Glu Pro Leu Ile Val Thr Trp
 50 55 60
 Gln Lys Lys Lys Ala Val Gly Pro Glu Asn Met Val Thr Tyr Ser Lys
 65 70 75 80
 Ala His Gly Val Val Ile Gln Pro Thr Tyr Lys Asp Arg Ile Asn Ile
 85 90 95
 Thr Glu Leu Gly Leu Leu Asn Thr Ser Ile Thr Phe Trp Asn Thr Thr
 100 105 110
 Leu Asp Asp Glu Gly Cys Tyr Met Cys Leu Phe Asn Met Phe Gly Ser
 115 120 125
 Gly Lys Val Ser Gly Thr Ala Cys Leu Thr Leu Tyr Val Gln Pro Ile
 130 135 140

Val His Leu His Tyr Asn Tyr Phe Glu Asp His Leu Asn Ile Thr Cys
145 150 155 160

Ser Ala Thr Ala Arg Pro Ala Pro Ala Ile Ser Trp Lys Gly Thr Gly
165 170 175

Ser Gly Ile Glu Asn Ser Thr Glu Ser His Ser His Ser Asn Gly Thr
180 185 190

Thr Ser Val Thr Ser Ile Leu Arg Val Lys Asp Pro Lys Thr Gln Val
195 200 205

Gly Lys Glu Val Ile Cys Gln Val Leu Tyr Leu Gly Asn Val Ile Asp
210 215 220

Tyr Lys Gln Ser Leu Asp Lys Gly Phe Trp Phe Ser Val Pro Leu Leu
225 230 235 240

Leu Ser Ile Val Ser Leu Val Ile Leu Leu Val Leu Ile Ser Ile Leu
245 250 255

Leu Tyr Trp Lys Arg His Arg Asn Gln Glu Arg Gly Glu Ser Ser Gln
260 265 270

Gly Met Gln Arg Met Lys
275